# Belgian Congo

14 A	from foot path at Wagenia fishery, Stanleyville, April 19.
14 8	from shoreline, muddy sand, Wagenia fishery, Stanleyville, Apr. 19.
17	rotten wood from log in "robusts" coffee field, Yangambi, Apr. 2h.
21	from among rubber trees, near "robusta" field, Yangambi, Apr. 24.
22	ten feet from base of giant tree (Intendrophrague), Yangambi, Apr. 2
26	just past kilometers 156 out of Stanleyville, on road to Mia-Mia, April 26.
	from base of old tree stump in collee plantation, 205 kilometers out of Stanleyville, April 26.
33	moist mud, about 2 ft. above water level, Obe Wiver, on road to Paulis, 20 Milometers from Mambs, April 27.
35	from base of termite mound, oil not buying abou, on road to Niangara, April 20.
41	from antelope field, Cangala-na-Modio, April 29.
12	from baby elephant wallow (mud puddle on river bank), Cangala-na-
13	from side of side road into Mullerie "Monngu," enroute Gangale-na-Bodio, April 29.
	right side main road at Huilerie "Mbengu," enroute, Gangala-na- Sodio, April 29.
45	from readmide ditch, Fangu read enroute Gangala-na-Redio, April 29.
1.6	at top of slope before second "forry", Caromba Park, April 30.
47	at shoreline, second ferry, Garamba Park, April 30.
49	from between roots of large scacia, right side Wetse road fork at Faradje, May 1.
	from bank 3 feet above road, right side Goto-Nioka road, 45 kilometers from Bloka, May 1.
52	from corn field, native village, before bloka veterinary

## Meigian Congo

53	Moka. Ineac Agric. Expor. Station garden, May 2.
SA:	same as 53, but from coffee field near offices top of hill, May 2.
55	from bank suress road from coffee field (No. 54 above), May 2.
57	from down hill side of road, Tasenyl road (returning), May 3.
	from between roots of big tree, entrance Mt. Moyo caves, May L.
59	soil and rock sample from floor of 2nd cave, M. Mayo, May L.
60	under shade of castus top of bluff before guest house, Ishango, May 6.
	roadside, top of south road, Ishango, May O.
62	from low point of afternoon drive, s. w. road, lehange, buy 6.
63	by log in pyggg village, 23 kiloseters from Seni, Pay 5.
	from path to pygny village near Beni, Nay 8.
65	from Diche hospital grounds, A.I.M., 30 kilometers from Beni, May 0.
67	near hippo dung, near bathing apot monument, Rwindi Camp, May 10.
66	near kilometer-post 169 out of Sutembo on way to Rwindi Gemp, May 9.
60	from buffalo watering place near pelican ground, Bwindi, May 10.
69	from hippo store, near No. 67, Bwindl Gamp, Nay 10.
70	from top of bank above lion feeding ground near hippo-pool afternoon, hay lo.
1	readside rut Ishibati Farm, Lwiro, May 15.
	from bank of stream, Tehlbati Farm, Lviro, Nay 15.
73	from entrance of Mia-ye-moto but cave, Lake Mivu, Nay 16.
	from path to No. 73 but cave, May 16.
75 D	rock and black volcanie soil from Mulungu farm (Mendrickx), May 17.
76	from cotton field, south of Uvira, Lake Tanganyika, May 20.
77	from bank of stream near railway, Tvire, Lake Tanganyika, Tay 20.
70	bottom sample dredged from 13 meters, off wire station. Lake time to many the Courbe sterilized or furniguted afterward
79	roadside excavation out of Astrida, red patch at bottom of pit, May 2

D'Return what is not used; represents break-down of some old lava I also saved, could be sterilized or funisated.

### Selgian Congo

- opposite side of road from No. 79, dry dark soil near tree and among grass roots, 67 kilometers out of Astrida, Nay 23.
- from among grass roots on road to Cabiro, near welcome sign to province of Kibungu, May 23.
- 82 near where sebras were photographed Eagera Park, May 21.
- 83 from crocodile nest pit, Kagera Park, May 24.
- She from top of hill where rest house is to be built, Magera Park, May 24.
- 85 from causeway ditch, Regers Park, Ney 24.
- of from grass roots top of causeway ditch, Kagera Park, May 21.

## **Veanda**

87 on road to Juba, May 28.

#### Sudan

- de mear pudale near minre, Buffalo Gape, river Mile, June 1.
- By between piles of wood, Buffalo Cape, river Mile, June 1.
- 90 hard lumps of soil, buffalo Cape, river Mile, June 1.
- 91 from shore Kaka, river Mile, Jone 2.
- 92 soft black soil from just above water's edge, Salen Sango, river
- 93 Jebelem, river Mile, June A.

Sni. Msmian-Breding Expedition, 1958 St. John, Mar. 26, Francis Bay above beach # 1 # 2 Virgin Borda, The Baths Mar. 29 Virgin Borda, The Baths, Mar. 29 (Soil excavated from water hole) (Sprin # 3 # 4 Oether Id. L'ittle Bay, Mar. 29 # 5 Mrs Prioda, Mara 30, Soil Am Mrs Phiele's garden above Road Down Dortola, Fill Mar 31, hill, north Side, Soprar & Bole # 7 Ust Van Dykse Apr. 2 Anegada, Pomato Pt. Apr. 8 # 8 St. Murtin Li Me Bay Apr. 11 Fran Listel grounds # 9 St. Murtin, Old Fort Lill, Bor. 12 # 10 An guilla, Road Buy Apr. 13 # 14

# 12 BARRETT Desmands Harre Antigua, English Abr, & Anr. 20 13 Barbitalu, Mor 25, from patra above Dark Care 14 Bhtiquea, Desmand Nicholsons Fluce Mor. 23 15 Burbuda, Mor. 25, France entrance of Durk Carre Burbuda, Apr. 25, in side Dark Care 17 Barbada, Apr. 25 Bryant Care. (Bryant not Bryan) 197 Debris from Darby Care 201 Burbada, Apr. 26. 21) Antiqua May 1 Antique But Care 23 Antigua, May la atentrar 24 Antiqua, May Lat fritot Puth leading to But Care 25 Antiqua, May I, mud from edge of F.w. pool on road to But Care.

A letter has, has not, been written.

#### SMITHSONIAN INSTITUTION

WASHINGTON 25, D. C., U.S. A.

C. & R. File No.

No.

Specimens

S	HIPPING IN	OICE Date	e	
To Dr. Dale E. Wolf, Ma	mager	Recommended	ulds. 8d	Head Curator.
E.T. du Pont de Nemours	& Co	Approved	Ba	ureau Director.
Grasselli Chemicals Depar	Ament	Shipped	by	
Building 268, Experime	ent soution	2. Chief, Division of	Prepaid; Colle	ect; Messenger.
Initiated by Willinsing Mm98	Blawar	2. Chief, Division of	Zoology	
- Waldo L. Schmill			·	
The material listed below contained in	and and the test and the test and the test and the test and		is transmitted as-	San Applicant A
(1) a gift. (3) in exchange.	(5) return of mate	rial borrowed.	(7)	
(2) a loan at your request. (4) for examination at our request.	(6) return of mater	ial sent for identification.	(8)	
	LIST OF SPEC	CIMENS		
Name of Object	Locality	Collector	CATALOG NO.	Number of

63 Soil samples from Mes Belgian Congo, Uganda, and The Sidan

Note.—Loans are made for 2 months unless otherwise stipulated.

In connection with material sent out for identification all types and uniques must be returned.

Retention of any other material is permitted only on definite-arrangement.

Received the above in good order (date) \_\_\_\_\_

U. S. GOVERNMENT PRINTING OFFICE 16-7829-2

Soil Samples 平场 Apr. -13-Leo. Leo, 1.00. Apr. - 13 -400 # 744 A Bor-13- hativenhet. # 14B Stanleyville Apr. 19 Apr. 19 Stun. Vangambi Apr. 24. ?# 49 Faradji May 1 21 Yangambi. Apr. 24 22 (Foot of giant dree) 156 km out from Schnleyvillo (Nia Nia Rd.)

Km. 229

Boor. 26 Call Coohran

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Naya moto but care.

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11 # Apr. 29 44 # 45 Dunge Rd. Apr. 29 一世 47 (Burumba Pl. Dor. 30 (Civer shore) 10pr. 30 T May 1 # 52 Nutive villagenNinka May 2 53 May 2 54 Theac Nicke o Ishangs

Belgian Congo Belgian Congo 1955 14 A from foot path at Wagenia Fishery Stanley ville Apr. 19. From shore line, muddy sand, Wagenia Sishery, Stanley ville, Apr. 19. 14 3. Field, Yangambi, Apr. 24. 17 Field, Vangambi, Apr. 24. 21 den feet from buse of giant dree (Entañ drophragma), Yangambi, Apr. 24 22 just past kilometers 156 out of Stanley-ville, on road to Nia-Nia, Apr. 26. From base of old tree stump in rottee plantation, 245 kilometers out of Stanley-ville, Apr. 26. 28 moist mud 2ft above nater level, 20 Obe River, on road to Paulis, 20 Kilmeters from Wamba, Apr. 27. 33 buying from base of termite mound, on road to Niangara, Apr. 28.

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From Bath do Bygmy village near Beni, May 8. : 64 From Dicha hospi. The grounds, A.I.M., 30 Kilmeters From Beni, May 8. near Kilmeter, 1969, before Rivindi. Camp, May 9. 65 66 near hippo dung, near bathing spot monument, Rwindi Camp, May 10. 67 68 from boffalo untering place near pels-Can ground, Rwindi, May 10. 69 From hippo shore, near #67, #5 Rwindi Camp, May 10. from top of bank above lion feed-ing ground near hippo-pool after. noon, & May 10 70 road-side rut Tshibati Farm, Lwiro, May 15. 71 Form bank of stream Jshibati Farm, Lwiro, May 15. 72 From Entrance of Mia-ya-) but Cave, Lake Kivy, May 16 from Bath to #73 but cave, May 16. 73 74

rock and soil samples from Mulungu farm (Hendrick X), May 17. From Ostton Reld, south of Uvira, Lake Tanganyika, May 20. 76 from bank of stream near rail way, Uvira, Lake Janganyika, May 20. MA bottom sample strom 13 meters, off Uvira station, Lake Tangany-ika, May 20.

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In addition there are about Asamples

Daken in Leopoldville, April 3-15. One or

more were taken in the Ferdinand De Bock

Park, and one or two in native

market, these test market soil sample

or samples were taken on the 15 15. I

was unable to check labelling on muslin

Sacks as I did not want to cut

glastic bags in which it was sealed

Several samples appear to have been ingroperly dried and seem to have mortded within plastic bags.

63 or so samples.

Dear Dr. Wolf,

No. Folks have Juken

a considerable reight off my mind

with the acceptance of the spill

Samples collected in the Belgian Cong and in small part in the Sudanin The course of the Smith smian - Bredin Expedition This past April, May, and June

(list enclosed) A In this mail or with in a day or dwo you will hear from Dr. Willis H. Wheeler regarding the conditions set up by the U.S. Department of Agriculture that which the handling of Pariculture that shipment of raw, samples of soil is permitted. District Theeler releases the samples of the Shall Syrward them express the State of the Shall production of the samples of th

agains Tundue asld, and ask the: express company not to leave Them around in an unheaded place. IF There is any chance That Reezing would harm the samples please harm me and so that the cam maint the more moderate termperatures that har present or their Under any circum sounces, I shall hat her seems able to send the sunder her sunder the sunder the sunder the her seems is then depending up and or Macelet by Wheeler gets his 4. You will no doubt have heard some Thing about these specimens from Mr Bjørnsom With this I am sending regarding them. the desire to have something don't With and about the your bishes people They are being sent & Byold with no strings of any kind attached.

Tom Trying to be as hopeful as can be that you may find something Worldwill in lone or more of These soils. Should you be looking Or a name for something news.
Mr. Breding his wise Ochring possible. tom little daughter Andonia; host recent addition to the Fimily, i or more remotely, James Smithson. Who founded this Institution, might be considered. Ids not want to do a lot of Esolish an-Dicipating hat I am holding a good Thought as the Ohristian Scientists say Sincerely

Movember 30, 1955 Dr. Dale E. Wolf E. I. du Pont de Memours & Company Orasselli Chemicals Department Building 268, Experimental Station Wilmington, Delaware Dear Mr. Wolf: You folks have taken a considerable weight off my mind with the acceptance of the soil samples collected for the greater part in the Belgian Congo and a small part in the Sudan during the Smithsonian-Bredin Expedition this past April, May, and June (list enclosed). In this mail or within a day or two you will hear from Dr. Willis H. Wheeler regarding the conditions set up by the U. S. Department of Agriculture under which the handling of raw, unfumigated samples of soil is permitted. As soon as Dr. Wheeler releases the samples to me I shall forward them to you. I shall endeavor to protect them against undue cold, and ask the express company not to leave them around in an unheated place. If there is any chance that freezing would harm the samples please warn me. We can then await more moderate outdoor temperatures than obtain at present. Under any circumstances, I shall not be able to send the samples on until Dr. Wheeler gets your reply to his letter. You will no doubt have heard something about these specimens from Mr. Bjornson. With this I am sending you the other pertinent correspondence regarding them. They are being sent with "no strings" of any kind attached. I am-trying to be as hopeful as can be that you may find something worthwhile in one or more of these soils. Should you be looking for a name for something new---Mr. Bredin, who made the expedition possible; his wife, Octavia; or little daughter, Antonia -- most recent addition to the family; or more remotely, James Smithson, who founded this Institution --- all or any of these might be considered. I do not want to do a lot of foolish anticipating but I am holding a good thought, as the Christian Scientists say. Sincerely, Waldo L. Schmitt Read Curator Department of Zoology Incs. WLS: vb